Amendments to the Specification:

Please replace the Title with the following title:

Method for Manufacturing Fiber Reinforced Thermoplastic Pressure Vessels

Please amend paragraph [0049] as follows:

[0049] As is illustrated in Figs. 18 and 19, a lay-up 126 is assembled by providing a pair of isotensoid end caps 122, an[[d]] access fitting 128, a sidewall perform 124, and base perform 130~~, and a cylindrical sidewall perform 124~~. The access fitting 128 may be of the type illustrated in U.S. Patent No. 4,589,563 and includes an internally threaded neck portion 132, and a radial foot flange 124. The base portion 130 may be woven fibers of thermoplastic and reinforcement, randomly distributed commingled fibers, or filament wound fibers. The access fitting 128 is placed within one of the end caps 122 so that its neck portion 132 projects from an opening 136 in the end cap 122 and an opening 138 in the other end cap 122 is covered by the base perform 130, as shown. The assembly is completed by overlapping the cylindrical skirts 106 of the end caps 122 with the sidewall perform 124. The amount of overlap L (FIG. 19) is determined by the expected shear loading of the sidewall and is established by the axial length of the skirts 106. An inflatable diaphragm 140 may be assembled with or inserted in to the lay-up.